

WE CLAIM:

1. A hydraulically or pneumatically controlled seat valve or pressure control seat valve for mounting to a further component or housing, the valve comprising:
 - a base part defining a valve seat, said base part having a radially outward projecting collar extending about at least a portion of a circumference of said base part, said collar structured to support a welded joint disposed at said collar to mount the valve to the further component;
 - a cover part connected to said base part; and
 - a valve body displaceably disposed in said cover part, said valve body having a sealing surface cooperating with said valve seat of said base part to close the valve.
2. The seat valve of claim 1, wherein said collar has an annular surface.
3. The seat valve of claim 1, wherein said collar is structured for loose insertion into a receptacle of the further component in a pre-mounting position.
4. The seat valve of claim 1, wherein said collar has a thickening to facilitate said welded joint.
5. The seat valve of claim 1, wherein at least one of said base part and said cover part is substantially cylindrically symmetrical.
6. The seat valve of claim 1, wherein said welded joint is produced through one of vibration welding, rotational welding, ultrasonic welding, and laser welding.

7. The seat valve of claim 1, wherein said cover part has locking sections which extend parallel to an incoming flow direction of the seat valve, wherein front sides of said locking sections facing said incoming flow direction are bevelled and end sides facing away from said incoming flow direction are oriented perpendicular to said flow direction.
8. The seat valve of claim 7, wherein said base part has an at least sectionally circumferential bridge which extends radially outwardly to cooperate with said end sides of said locking sections of said cover part.
9. The seat valve of claim 8, wherein said base part and said cover part have facing contact surfaces which are oriented substantially perpendicular to said incoming flow direction of the seat valve.
10. The seat valve of claim 9, wherein said base part has locking receptacles for said locking sections of said cover part, wherein said receptacles are formed from wall sections comprising said base part contact surfaces, joining flank surfaces adjusted to a shape of said locking sections, and joining bridge surfaces of said bridge, said bridge surfaces facing said end sides of said locking sections.
11. The seat valve of claim 1, wherein said cover part comprises a radially inwardly offset and an at least sectionally circumferential shoulder which is suited for abutment to the further component.
12. The seat valve of claim 11, wherein said shoulder is disposed between a first cover part section proximate an incoming flow side and a second cover part section proximate an outgoing flow side, wherein

outer dimensions of said first cover part section on said incoming flow side are larger than outer dimensions of said second cover part section on said outgoing flow side.

13. The seat valve of claim 11, wherein at least sections of said shoulder define an annular surface which is oriented perpendicular to said incoming flow direction of the seat valve.
14. The seat valve of claim 1, wherein said valve body is guided in a cylindrical guidance formed in the cover part which is open at an end thereof.
15. The seat valve of claim 9, wherein an outer contour of said base part and an outer contour of said cover part are cylindrical at least in a region in which said contact surfaces abut.
16. The seat valve of claim 1, wherein guiding elements for said valve body are provided on or in said base part along a substantially circular periphery thereof proximate said valve seat.
17. A seat valve system for a hydraulically or pneumatically controlled seat valve or pressure control seat valve, the valve system comprising:

a seat valve base part defining a valve seat, said base part having a radially outward projecting collar extend about at least a portion of a circumference of said base part;
a cover part connected to said base part;
a valve body displaceably disposed in said cover part, said valve body having a sealing surface cooperating with said valve seat of said base part to close the valve;

a component structured to accept the valve; and
a welded joint integral with said collar and said component to permanently connect the valve to said component at said collar.

18. The system of claim 17, wherein said component is one of a housing, a central tube, a lid, an oil filter housing, an oil filter central tube, and an oil filter lid.
19. The system of claim 17, wherein said component has a receptacle in which the seat valve can be loosely inserted in a premounted position.
20. The system of claim 19, wherein said receptacle comprises an abutment section communicating with said collar.
21. The system of claim 20, wherein said receptacle has a step which cooperates with a shoulder defined on a peripheral portion of said cover part.
22. The system of claim 21, wherein said abutment section and said step have surfaces perpendicular to said flow direction of the seat valve and parallel to contact surfaces between said base part and said cover part.
23. The system of claim 22, wherein a separation between a surface of said abutment section, which is perpendicular to an incoming flow direction of the seat valve, and said step is slightly smaller than a separation between a surface of said collar facing said incoming flow direction of the seat valve and said shoulder.

24. The system of claim 22, wherein a separation between a surface of said abutment section, which is perpendicular to a flow direction of the seat valve, and said step is slightly larger than a separation between a surface of said collar facing said flow direction of the seat valve and said shoulder.